

AMENDMENTS TO THE CLAIMS

1. - 68 (Canceled)

69. (Currently Amended) An isolated nucleic acid consisting of X nucleotides wherein the sequence of the nucleic acid comprises:

- (a) Y consecutive nucleotides of SEQ ID NO: 142700;
- (b) an RNA ~~equivalent of~~encoded by (a); or
- (c) the complement of (a) or (b),

wherein X=19 to 140,

Y≥19, and

X≥Y.

70. (Previously Presented) The nucleic acid of claim 69, wherein the Y nucleotides are of SEQ ID NO: 140670 or 140732.

71. (Previously Presented) The nucleic acid of claim 69, wherein X=19 to 24.

72. (Previously Presented) The nucleic acid of claim 69, wherein X=Y.

73. - 88 (Canceled)

89. (Currently Amended) An isolated nucleic acid consisting of X nucleotides wherein the sequence of the nucleic acid comprises:

- (a) Y consecutive nucleotides of SEQ ID NO: 2 or 9;
- (b) an RNA ~~equivalent of~~encoded by (a);
- (c) a sequence at least 68.2% identical to (a) or (b); or
- (d) the complement of any one of (a)-(c),

wherein

X=19 to 140,

Y≥19, and

X≥Y.

90. (Previously Presented) The nucleic acid of claim 89, wherein (c) is a sequence at least 81.9% identical to (a) or (b).

91. (Previously Presented) The nucleic acid of claim 89, wherein (c) is a sequence at least 91.0% identical to (a) or (b).

92. (Previously Presented) The nucleic acid of claim 89, wherein X=19 to 24.

93. (Previously Presented) The nucleic acid of claim 89, wherein X=Y.

94. (Previously Presented) The nucleic acid of claim 90, wherein X=Y.

95. (Previously Presented) The nucleic acid of claim 91, wherein X=Y.

96. (Previously Presented) A vector comprising the nucleic acid of any one of claims 69-72 and 89-95.